**BSC 4422**

**Exam 1 Review**

**Chapter 11**

Understand what a polymorphism is and understand the different types and know how they can be analyzed

Understand the MHC and how it is used in tissue compatibility

Understand how STRs can be used to determine paternity

Understand engraftment testing and informative analysis

Given a set of loci, be able to determine which loci are informative

**Chapter 12**

Understand quality control

Know difference between accuracy, precision, sensitivity and specificity

For the diseases noted in the notes, understand the detection methods